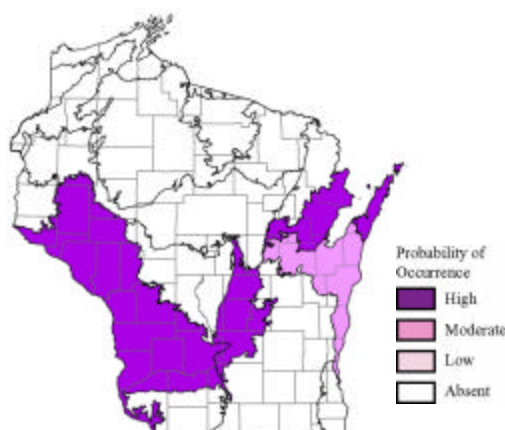


Shoal Chub (Speckled Chub) (*Macrhybopsis hyostoma*)

Species Assessment Scores*

State rarity:	4
State threats:	4
State population trend:	3
Global abundance:	3
Global distribution:	5
Global threats:	4
Global population trend:	4
Mean Risk Score:	3.9
Area of importance:	2

* Please see the [Description of Vertebrate Species Summaries \(Section 3.1.1\)](#) for definitions of criteria and scores.



Ecological Landscape Associations

Please note that this is not a range map. Shading does not imply that the species is present throughout the Landscape, but represents the probability that the species occurs somewhere in the Landscape.

Landscape-community Combinations of Highest Ecological Priority

Ecological Landscape	Community
Central Lake Michigan Coastal	Warmwater rivers
Central Sand Hills	Warmwater rivers
Northern Lake Michigan Coastal	Warmwater rivers
Western Coulee and Ridges	Warmwater rivers

Threats and Issues

- Habitat loss, degradation and fragmentation from dams threatens this large river species, which inhabits broad shallow riffles over sand or mud.
- Point and non-point source pollution of large rivers from watershed agriculture, urbanization, and other sources threatens this species.
- Alteration of the Mississippi River for the purpose of commercial navigation has eliminated habitat this species prefers (e.g., fast waters over shifting sand bottoms).
- This species is not often sampled due to its microhabitat preferences, and thus we know little about its status and biology in Wisconsin.

Priority Conservation Actions

- Protection and restoration of appropriate habitat in the Mississippi, lower Wisconsin and Wolf rivers is needed for this large river specialist.
- More information on life history and population trends is needed to inform conservation efforts for this species.